

Radio

AMATEUR

Call Book Magazine

\$3.50

Foreign

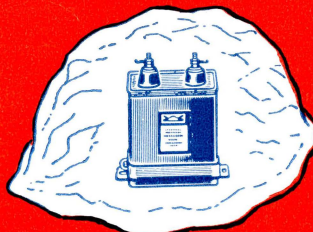
\$3.75



FALL 1954

Why Take a Chance?

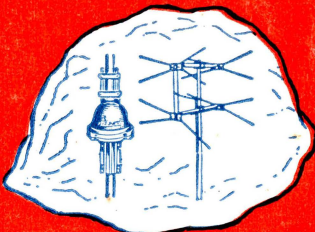
**You
know
what's under
these
shells...** *consistently dependable*



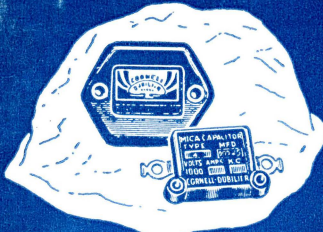
Type TJ Dykanol Transmitter Capacitors. In all popular capacities from 600 V.D.C. to 6,000 V.D.C.



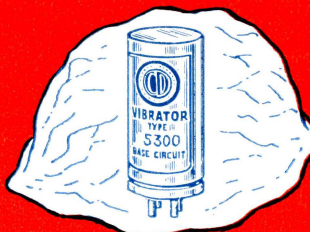
Type Mity Mike TV Ceramic Capacitors. Hi-insulation resistance, low P.F. For 10,000 and 20,000 V.D.C.



Type TR Rotators. Will handle 7/8" to 2" O.D. upper and lower masts. Heavy duty motor.



Types 9 and 4 Moulded Transmitter Capacitors. For grid, plate blocking and r.f. bypass.

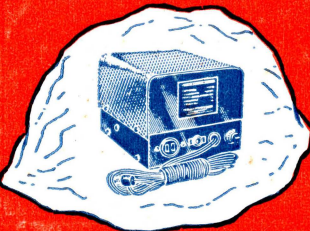


Quietone Vibrators. They're quieter, longer lasting. Complete range.



Type 50 series Mica XMTR Capacitors in glazed, low-loss ceramic case. Industry standard for over 42 years.

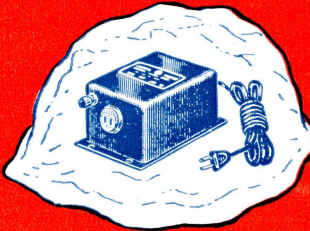
Cornell-Dubilier & Faradon Products



Powercon Converters. For DC to AC; AC to DC and DC to DC conversion. Dependable and efficient.



Types 138 and 177 Faradon XMTR Capacitors. For grid coupling and plate blocking applications.



Quietone Feed-Thru and Noise Filters. Where high insertion loss over wide frequencies is required.



Catalog No. 200-d available on request

CORNELL-DUBILIER ELECTRIC CORPORATION
Dept. JH954, South Plainfield, N. J.

Plants in South Plainfield, N. J.; New Bedford, Worcester and Cambridge, Mass.; Providence, R. I.; Indianapolis, Ind.; Fuquay Springs, N. C.; and subsidiary, the Radiant Corp., Cleveland, O.

Collins



75A-3 Receiver



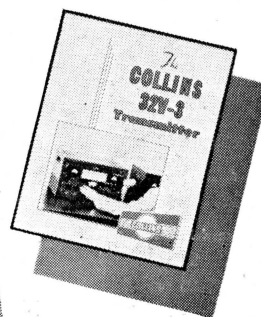
32V-3 Transmitter

Whether your operating taste runs to dx, traffic or rag-chewing, you'll like the convenience of these proven performers. With this popular communications system, you QSY from the high end of 10 to the low end of 80 in a few seconds; just pick your band and set the dials to the desired frequency. With this accurately calibrated pair on your operating table, you don't even have to zero-beat. Want to answer that station on his own frequency? Just set the 32V-3 to the frequency indicated on the 75A-3 — that's all there is to it!

The Collins 75A-3 double-conversion receiver, with its crystal-controlled front end and highly stable low frequency VFO, is like a high frequency crystal-controlled converter working into a very stable low frequency receiver. The high stability and 3.1 kc bandwidth of the 75A-3 make it ideal for AM or single sideband — and 800 cycle and 6 kc bandwidth filters are available as optional accessories. All coils are permeability tuned and have a straight line frequency characteristic, allowing linear dial calibration. Only the band in use is visible on the slide-rule dial. On the vernier dial, each division represents one kc except on the 10 and 11 meter bands, where each dial division represents two kc. This accurate calibration is made possible by the highly stable oscillators in the 75A-3.

The 32V-3 is a VFO controlled band-switching gang-tuned transmitter rated at 160 watts input on CW and 140 watts on Phone. It is thoroughly filtered and shielded to minimize the possibility of TVI.

Fully illustrated booklets describing this popular pair are available at your Collins distributor.



COLLINS RADIO COMPANY

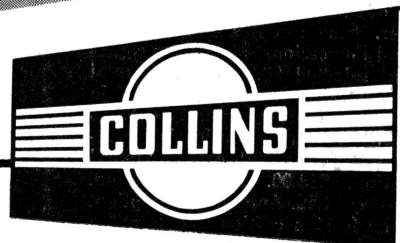
Cedar Rapids, Iowa

261 Madison Ave., NEW YORK 16

1930 Hi-Line Drive, DALLAS 2

2700 W. Olive Ave., BURBANK

Collins Radio Company of Canada, Ltd., 74 Sparks St., OTTAWA, ONTARIO



RADIO AMATEUR CALL BOOK

MAGAZINE

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W9TRD.

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NUMBER 3

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USE RME

FOR BETTER QSO'S

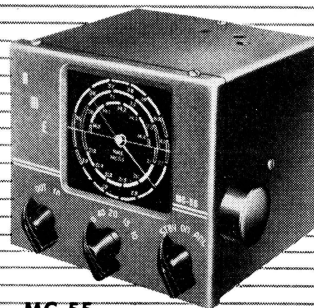
Coming and Going!

MC-55 FIVE BAND MOBILE CONVERTER

For 10, 15, 20, 40 and 80 meters. 1.25 micro-volt sensitivity on all bands. Edge-lighted dial. 25-to-1 worm gear tuning. ANL. Transmit-receive switch. Three gang tuning capacitor. Individual coils for each band. Aperiodic i.f. stage aids in providing high-gain characteristic. Input impedance 50-72 ohms. Output frequency 1550 kc. 150-180 v. at 18 ma. 6 or 12-volt operation. Tube lineup: 6BJ6 r.f. amp; 12AT7 osc-det; 6BJ6 i.f. amp; 6AL5 noise limiter. Dark gray. Size: 4 $\frac{3}{8}$ " high, 5 $\frac{1}{4}$ " wide, 5 $\frac{1}{4}$ " deep. Shpg. wt. 7 lbs. **Amateur Net. \$69.50**

MC-53 VHF THREE BAND MOBILE CONVERTER

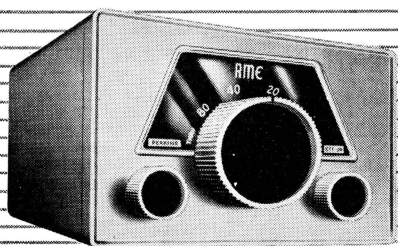
Designed for 2, 6 and 10-11 meters. 1.25 micro-volt sensitivity on all bands. 25-to-1 worm gear tuning. Individual coils for each band and each circuit. Three gang tuning. Aperiodic i.f. stage aids in providing high gain characteristic. Separate input connectors for each band. Send-receive switch. ANL. VR provides excellent stability. 6-volt operation. 150-180 v. at 25 ma. Output frequency 1550 kc. 6AK5 r.f. amplifier; 12AT7 osc-det; 6BJ6 i.f.; 6AL5 limiter and OB2 voltage regulator. Gray enamel. Size: 5 $\frac{1}{4}$ " wide, 4 $\frac{3}{8}$ " high, 5 $\frac{1}{4}$ " deep. Shpg. wt. 7 lbs. **Amateur Net. \$66.60**



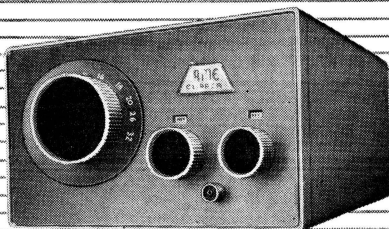
MC-55



MC-53



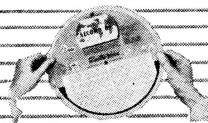
DB-23



RME-100

Ask your RME Distributor or
Write for RME Bulletins

Do you have your
"SECOND OP"



Handy,
complete DX
information
computer.
Amateur Net, \$1.00

DB-23 PRESELECTOR

Substantially improves the performance of any receiver. Three 6J6 twin triodes as neutralized push-pull stages in combination of selective and wide band r.f. amplifiers. Minimum gain of 20 db all ham bands from 3.5 to 30 mc with substantial image rejection. Signal-to-noise improvement better than 7.5 db over that of the receiver alone. Permits optimum use of mechanical, crystal or audio filters. Input circuits match standard type antenna. Set band and adjust peaking control. With power supply. Blue-gray. Size: 5" high, 7 $\frac{1}{2}$ " wide, 6" deep. Shpg. wt. 8 lbs. **Amateur Net. \$49.50**

RME 100 SPEECH CLIPPER

Peak limiting pre-amplifier provides higher articulation and intelligibility to combat QRM and QRN. Ideal for use with Johnson Viking, Collins 32V and all ham-built equipment. Clipping level adjustable from 3-20db. Pi low-pass filter provides high suppression of generated harmonics above 3000 cps, concentrating voice power to most effective band of frequencies. Response 200-3000 cps. If set to provide 100% modulation, louder speech will not over-modulate. Front panel input for Hi-Z microphone accommodates PTT circuit. Tube lineup: 6SC7, 6H6 and 6X5GT rectifier. With power supply in blue-gray steel cabinet. Size: 5" high, 7 $\frac{1}{2}$ " wide, 6" deep. Shpg. wt. 9 lbs. **Amateur Net. \$39.50**

RME

RADIO MFG. ENGINEERS, INC.
PEORIA 6, ILLINOIS

DIVISION OF

Electro-Voice INC.

A. R. R. L. COUNTRIES LIST

Official List for ARRL DX CONTEST and Postwar DXCC

The ARRL Postwar Countries List is the official standard used in connection with the ARRL DX competition and the DX Century Club. To qualify for the DX Century Club Award, an applicant must submit confirmations from at least 100 different countries contacted after November 15, 1945, in accordance with the Postwar DXCC Rules. Copies of the DXCC Rules will be furnished by ARRL on request.

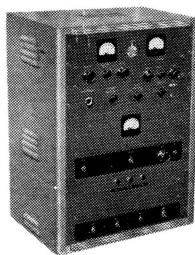
AC3	Sikkim	KG4	Guantanamo Bay	VP5	Cayman Islands
AC4	Tibet	KG6	Mariana Islands	VP5	Jamaica
AG2	(See I)	KH6	Hawaiian Islands	VP5	Turks & Caicos Islands
AP	Pakistan	KJ6	Johnston Island	VP6	Barbados
C (unofficial)	China	KL7	Alaska	VP7	Bahama Islands
C3	Formosa	KM6	Midway Islands	VP8	Falkland Islands
C9	Manchuria	KP4	Puerto Rico	VP8	South Georgia
CE	Chile	KP6	Palmyra Group, Jarvis Island	VP8, LU	South Orkney Islands
CE7Z, LU, VP8	Antarctica	KR6	Ryukyu Islands (e.g., Okinawa)	VP8	South Sandwich Islands
CE6	Easter Island	KS4	Swan Island	VP8	South Shetland Islands
CM, CO	Cuba	KS6	American Samoa	VP9	Bermuda Islands
CN8	French Morocco	KT1	(See CN2)	VQ1	Zanzibar
CN2, KTI	Tangier Zone	KV4	Virgin Islands	VQ2	Northern Rhodesia
CP	Bolivia	KW6	Wake Island	VQ3	Tanganyika Territory
CR4	Cape Verde Islands	KX6	Marshall Islands	VQ4	Kenya
CR5	Portuguese Guinea	KZ5	Canal Zone	VQ5	Uganda
CR6	Principe, Sao Thome	LA	Norway	VQ6	British Somaliland
CR7	Angola	LA	Svalbard (Spitzbergen)	VQ8	Chagos Islands
CR8	Mozambique	LU	Argentina	VQ8	Mauritius
CR9	Goa (Portuguese India)	LU-Z	(See CE7Z, VP8)	VQ9	Seychelles
CR10	Macau	LX	Luxembourg	VR1	Gilbert & Ellice Islands & Ocean Island
CT1	Portuguese Timor	LZ	Bulgaria	VR1	British Phoenix Islands
CT2	Portugal	M1	San Marino	VR2	Fiji Islands
CT3	Azores Islands	MB9	(See OE)	VR3	Fanning Island (Christmas Island)
CT3	Madeira Islands	MD5	(See SU)	VR4	Solomon Islands
CX	Uruguay	MF2	(See I)	VR5	Tonga (Friendly) Islands
DL, DJ, DM	Germany	MP4	Bahrain Island	VR6	Pitcairn Island
DU	Philippine Islands	MP4	Kuwait	VS1	Singapore
EA	Spain	MP4	Qatar	VS2	Malaya
EA6	Balearic Islands	MP4	Trucial Oman	VS4	Sarawak
EA8	Canary Islands	MS4	(See IS)	VS5	Brunei
EA9	Spanish Morocco	OA	Peru	VS5	Sarawak
EA6	Spanish Guinea	OD5	Lebanon	VS6	Hong Kong
EI	Eire (Irish Free State)	OE, MB9, FKS8	Austria	VS7	Ceylon
EL	Liberia	OH	Finland	VS9	Sultanate of Oman
EP, EQ	Iran (Persia)	OK	Czechoslovakia	VS9	Aden & Socotra
ET2	Eritrea	ON	Belgium	VS9	Maldives Islands
ET3	Ethiopia	OQ	Belgian Congo	VU	India
F	France	OX	Greenland	VU4	Laccadive Islands
FA	Algeria	OY	Faeroes	W, K	United States of America
FB8	Amsterdam & St. Paul Islands	OZ	Denmark	XE	Mexico
FB8	Kerguelen Islands	PA	Netherlands	XZ	Burma
FB8	Madagascar	PJ	Netherlands West Indies	YA	Afghanistan
FC	Corsica	PK1, 2, 3	Java	YI	Iraq
FD8	French Togoland	PK4	Sumatra	YJ	(See FU8)
FE8	French Cameroons	PK5	Netherlands Borneo	YK	Syria
FF8	French West Africa	PK6	Celebes & Molucca Islands	YN	Nicaragua
FG8	Guadeloupe	PK6, 7	Netherlands New Guinea	YO	Roumania
FH8	French Indo-China	PX	Andorra	YS	Salvador
FK8	New Caledonia	PY	Brazil	YT, YU	Yugoslavia
FKS8	(See OE)	PZ	Netherlands Guiana	YV	Venezuela
FL8	French Somaliland	SM	Sweden	ZA	Albania
FM8	Martinique	SP	Poland	ZB1	Malta
FN	French India	ST	Anglo-Egyptian Sudan	ZB2	Gibraltar
FO8	Clipperton Island	SU, MD5	Egypt	ZC2	Cocos Islands
FO8	French Oceania (e.g., Tahiti)	SV	Greece	ZC3	Christmas Island
FP8	St. Pierre & Miquelon Islands	SV	Crete	ZC4	Cyprus
FQ8	French Equatorial Africa	SV5	Dodecanese (e.g., Rhodes)	ZC5	British North Borneo
FR8	Reunion Island	TA	Turkey	ZC6	Palestine
FU8, YJ	New Hebrides	TF	Iceland	ZD1	Sierra Leone
FY8	French Guiana & Inini	TG	Guatemala	ZD2	Nigeria
G	England	TI	Costa Rica	ZD3	Gambia
GC	Channel Islands	TI	Cocos Island	ZD4	Gold Coast, Togoland
GD	Isle of Man	UA1, 3, 4, 6	European Russian	ZD6	Nyasaland
GI	Northern Ireland	UA9, 6	Socialist Federated Soviet Republic	ZD7	St. Helena
GM	Scotland	UB5	Asiatic Russian S.F.S.R.	ZD8	Ascension Island
GW	Wales	UC2	Ukraine	ZD9	Tristan da Cunha & Gough Island
HA	Hungary	UD6	White Russian Soviet Socialist Republic	ZE	Southern Rhodesia
HB	Switzerland	UF6	Azerbaijan	ZK1	Cook Islands
HC	Ecuador	UG6	Georgia	ZK2	Niue
HC8	Galapagos Islands	UH8	Armenia	ZL	New Zealand
HE	Liechtenstein	UI8	Turkoman	ZM	British Samoa
HH	Haiti	UL7	Uzbek	ZP	Paraguay
HI	Dominican Republic	UM8	Tadzhik	ZS1, 2, 4, 5, 6	Union of South Africa
HK	Colombia	UN1	Kazakh	ZS2	Marion Island
HL	Korea	UP2	Kirghiz	ZS3	Southwest Africa
HP	Panama	UQ2	Karelo-Finnish Republic	ZS7	Swaziland
HR	Honduras	UR2	Lithuania	ZS8	Basutoland
HS	Siam	VE, VO	Latvia	ZS9	Bechuanaland
HV	Vatican City	VK	Estonia	3A1, 2	Monaco
HZ	Saudi Arabia (Hedjaz & Nejd)	VK1	Canada	3V8	Tunisia
I	Italy	VK1	Australia (including Tasmania)	4S7	Ceylon
I, AG2, MF2	Trieste	VK1	Heard Island	4W1	Yemen
IS, MD4, MS4	Italian Somaliland	VK1	Macquarie Island	4X4	Israel
IS	Sardinia	VK1, CZ2	Cocos Islands	5A	Libya
JA, KA	Japan	VK9	Papua Territory	9S4	Saar
JY	Jordan	VK9	Territory of New Guinea		Aldabra Islands
K	(See W)	VO	Norfolk Island		Bhutan
KA	(See JA)	VP1	(See VE)		Comoro Islands
KA6	Bonin & Volcano Islands	VP2	British Honduras		Fridtjof Nansen Land (Franz Josef Land)
KB6	Baker, Howland & American Phoenix Islands	VP2	Leeward Islands		Mongolia
KC4	Navassa Island	VP3	Windward Islands		Nepal
KC6	Caroline Islands	VP4	British Guiana		Tannu Tuva
KC6	Palau Islands		Trinidad & Tobago		Tokelau (Union) Islands
					Wrangel Islands



LEO I. MEYERSON, WØGFQ

NEW MODEL 500

Just \$36⁷⁸ Per Month (18 Months)


500 Watts—Complete Band-Switching

GLOBE KING XMTR

In keeping with WRL's policy of always giving you MORE WATTS PER DOLLAR, we now offer you a complete 500 watt band switching 160 through 10 meter transmitter using the popular husky 4-250 A tube

in final. Complete TVI shielding and by-passing of RF section and meters. Includes co-ax antenna, change-over relay and push-to-talk features. Pi-network final tuning will match any antenna system from 52 to 600 ohms with output impedance selector switch on front panel. This arrangement serves as an ideal antenna tuner. Metering of all stages with 2—3" meters. Several safety features included for protection of final tube which is forced air cooled. Has provisions for VFO. High level 100% plate modulation. Ham-mertone finished cabinet approximately 31" H x 21 3/4" W x 15" D.

\$67.50 Cash Down

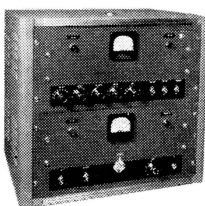
\$675.00 Cash Wired-Tested

GLOBE SCOUT \$8⁹⁵ Per Month (12 Months)

65 Watts CW-50 Watts phone Complete Band Switching


MODEL 65

Here is the latest triumph of the WRL engineering staff. Complete band switching 160 thru 10M transmitter with combination pi-network antenna tuner which will work into any antenna. Three stage modulator allows 100% modulation in final. Has complete power supply. XMTR housed in new special grey TVI screened cabinet. Ideal XMTR for the novice or experienced ham.

\$10.00 CASH DOWN
\$89.95 KIT FORM
\$99.95 CASH WIRED-TESTED

GLOBE CHAMPION XMTR 165 Watts—More Per Dollar

R. F. Section a complete 165 watt XMTR. Provisions for VFO. Automatic fixed bias on Final and Buffer. Class B Speech Modulator. 165 watt input—10 thru 160 meter bands. Complete with tubes, meters and one set of coils.

\$34.95 CASH DOWN
\$329.50 KIT FORM
\$349.50 WIRED TESTED

GIANT RADIO REFERENCE MAP



CU ON 10—20 & 75 METERS Just right for your control room walls. Approximately 28" x 36". Contains time zones, amateur zones, monitoring stations. Mail coupon today and...

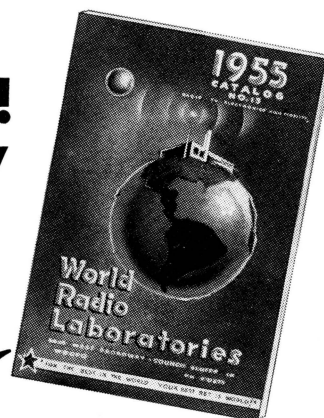
25¢

WE FEATURE A COMPLETE LINE OF NATIONALLY FAMOUS RECEIVERS AND STANDARD RADIO PARTS

Choose from such famous names as RCA, Hallicrafters, National Collins, Peterson, Thordarson, Hammarlund, Miller, RME, Meissner, Stancor, Hytron, Astatic, and a host of others. We also assemble the world famous WRL TRANSMITTERS delivering more watts per dollar and fully guaranteed. Write for detailed XMTR specification sheet.

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FREE! NEW 1955 CATALOG

SEND TODAY


You can buy with confidence from WRL—the World's Largest Distributor of Amateur Radio Transmitting Equipment. Special attention given to foreign orders through our special Export Department.

CABLE ADDRESS WRLI

WRITE FOR DETAILED EQUIPMENT SPECIFICATION SHEETS


World Radio LABORATORIES

WRITE - WIRE - PHONE 2-0277 COUNCIL BLUFFS, IOWA

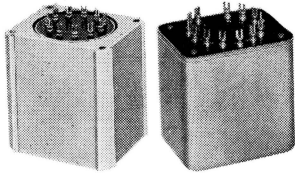
Rush top trade-in value of my _____ CBF-54
 Make and Model of new equipment desired _____
 Rush Info ☐ (Equipment Wanted) ☐ Reconditioned List
 E-Z Pay Plan: ☐ 6 mos. ☐ 12 mos ☐ 18 mos.
☐ Free Catalog ☐ Wall Size Radio Map 25c ☐ Log Book 25c
 NAME _____ ADDRESS _____

WRL — BOX 811 — CO BLUFFS, IOWA

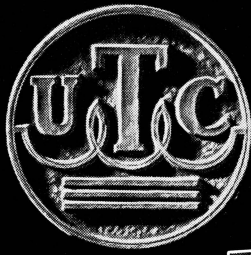
INTERNATIONAL RADIO AMATEUR PREFIXES

The following prefixes are listed in alphabetical order for convenience in locating the country when DX calls are heard.

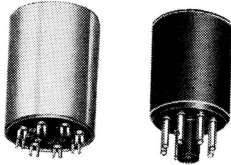
AC3	SIKKIM	KG6	MARIANA ISLANDS (Guam)	VK	AUSTRALIA
AC4	TIBET	KG6I	IWO JIMA ISLAND	VK7	TASMANIA
AG2	TRIESTE (American)	KG6S	SAIPAN ISLAND	VK9	PAPUA TERRITORY
AP	PAKISTAN	KG6T	TINIAN ISLAND	VO	NEWFOUNDLAND & LABRADOR
C	CHINA	KH6	HAWAIIAN ISLANDS	VP1	BRITISH HONDURAS
CE	CHILE	KJ6	JOHNSTON SLAND	VP2	LEEWARD & WINDWARD ISLANDS
CM-CO	CUBA	KL7	ALASKA	VP3	BRITISH GUIANA
CN2	TANGIER ZONE	KM6	MIDWAY ISLAND	VP4	TRINIDAD & TOBAGO IS.
CN8	FRENCH MOROCCO	KP4	PUERTO RICO	VP5	JAMAICA, CAYMAN, TURKS & CAICOS IS.
CP	BOLIVIA	KP6	PALMYRA & JARVIS ISLANDS	VP6	BARBADOS
CR4	CAPE VERDE ISLANDS	KR6	OKINAWA	VP7	BAHAMA ISLANDS
CR5	PORTUGUESE GUINEA	KS4	SWAN ISLAND	VP8	FALKLAND ISLANDS South Georgia, South Orkney and South Shetland Islands.
CR6	ANGOLA	KS6	U. S. SAMOA	VP9	BERMUDA ISLANDS
CR7	MOZAMBIQUE	KV4	VIRGIN ISLANDS	VQ1	ZANZIBAR
CR8	GOA (Portuguese India)	KW6	WAKE ISLAND	VQ2	NORTHERN RHODESIA
CR9	MACAU	KX6	MARSHALL ISLANDS	VQ3	TANGANYIKA TERRITORY
CR10	TIMOR ISLAND (Port.)	KZ5	CANAL ZONE	VQ4	KENYA
CT1	PORTUGAL	LA	NORWAY	VQ5	UGANDA
CT2	AZORES ISLANDS	LU	ARGENTINA	VQ6	BRITISH SOMALILAND
CT3	MADERIA ISLANDS	LX	LUXEMBOURG	VQ8	CHAGOS & MAURITIUS ISLANDS
CX	URUGUAY	LZ	BULGARIA	VQ9	SEYCHELLES
DL	GERMANY	MB9	AUSTRIA	VR1	GILBERT ELLICE & OCEAN ISLANDS
DU	PHILIPPINE ISLANDS	MD4	SOMALIA	VR2	FIJI ISLANDS
EA	SPAIN	MD5	SUEZ CANAL ZONE	VR3	FANNING ISLAND
EA6	BALEARIC ISLANDS	MD6	IRAQ	VR4	SOLOMON ISLANDS
EA8	CANARY ISLANDS	MF2	TRIESTE ((British)	VR5	TONGA (Friendly) ISLAND
EA9	SPANISH MOROCCO	MI3	ERITREA	VR6	PITCAIRN ISLAND
EI	IRELAND	MP4	BAHREIN IS. & OMAN	VS1	SINGAPORE
EL	LIBERIA	OA	PERU	VS2	MALAYAN UNION
EQ	IRAN (ex Persia)	OH	FINLAND	VS4	BRITISH NORTH BORNEO
ET	ERITREA & ETHIOPIA	OE	AUSTRIA	VS5	BRUNEI & SARAWAK
F	FRANCE	OD5	LEBANON	VS6	HONG KONG
FA	ALGERIA	OK	CZECHOSLOVAKIA	VS9	ADEN & SOCOTRA ISLANDS
FB8	MADAGASCAR	ON	BELGIUM	VU	INDIA
FC	CORSICA	OQ5	BELGIAN CONGO	VU4	LACCADIVE ISLANDS
FD8	FRENCH TOGOLAND	OX	GREENLAND	VU5	ANDAMAN ISLANDS
FE8	FRENCH CAMEROONS	OY	FAEROES ISLANDS	W	UNITED STATES
FF8	FRENCH WEST AFRICA	OZ	DENMARK	XE	MEXICO
FG8	GUADELOUPE	PA, PI	NETHERLANDS	XZ	BURMA
FI8	FRENCH INDO-CHINA	PJ	NETH. WEST INDIES	YA	AFGHANISTAN
FKS	FRENCH-AUSTRIA	PK1, 2, 3	JAVA	YI	IRAQ
FK8	NEW CALEDONIA	PK4	SUMATRA	YJ	NEW HEBRIDES
FL8	FRENCH SOMALILAND	PK5	BORNEO (Neth. Indies)	YK	SYRIA
FM8	MARTINIQUE	PK6	CELEBES & MOLUCCA ISLANDS	YN	NICARAGUA
FN	FRENCH INDIA	PK7	NETHERLAND NEW GUINEA	YO	ROUMANIA
FO8	TAHITI	PX	ANDORRA	YS	SALVADOR
FP8	MIQUELON & ST. PIERRE IS.	PY	BRAZIL	YT, YU	YUGOSLAVIA
FQ8	FRENCH EQUATORIAL AFRICA	PZ	SURINAM	YV	VENEZUELA
FR8	REUNION ISLAND	SM	SWEDEN	ZA	ALBANIA
FU8	NEW HEBRIDES	SP	POLAND	ZB1	MALTA
FY7	FRENCH GUIANA	ST	SUDAN	ZB2	GIBALTAR
G	ENGLAND	SU	EGYPT	ZC1	TRANSJORDAN
GC	CHANNEL ISLANDS	SV	CRETE & GREECE	ZC2	COCOS ISLANDS
GD	ISLE OF MAN	SV5	DODECANESE ISLANDS	ZC3	CHRISTMAS ISLAND
GI	NORTHERN IRELAND	TA	TURKEY	ZC4	CYPRUS
GM	SCOTLAND	TF	ICELAND	ZD1	SIERRA LEONE
GW	WALES	TG	GUATEMALA	ZD2	NIGERIA
HA	HUNGARY	TI	COSTA RICA	ZD3	GAMBIA
HB	SWITZERLAND	TT	TANNU TUVA	ZD4	GOLD COAST & TOGOLAND
HC	ECUADOR	UA1-3-4-6	EUROPEAN RUSSIAN SOCIALIST FEDERATED SOVIET REPUBLIC	ZD6	NYASALAND
HEI	LIECHTENSTEIN	UA9-9	ASIATIC RUSSIAN S. F. S. R.	ZD7	SAINT HELENA
HH	HAITI	UB5	UKRAINE	ZD8	ASCENSION ISLAND
HI	DOMINICAN REPUBLIC	UC5	WHITE RUSSIAN S.S.R.	ZD9	TRISTAN DA CUNHA
HK	COLOMBIAN REPUBLIC	UD6	AZERBAIJAN	ZE	SOUTHERN RHODESIA
HL1	KOREA	UF6	GEORGIA	ZK1	COOK ISLANDS
HP	PANAMA	UG6	ARMENIA	ZK2	NIUE
HR	HONDURAS	UH8	TURKOMAN	ZL	NEW ZEALAND
HS	SIAM	UI8	UZBEK	ZM	WESTERN SAMOA
HV	VATICAN CITY	UJ8	TADZHIK	ZP	PARAGUAY
HZ	SAUDI ARABIA	UL7	KAZAKH	ZS	UNION OF SOUTH AFRICA
I	ITALY	UMB	KIRGHIZ	3A2	MONACO
K	UNITED STATES	UN1	KARELO-FINNISH REPUBLIC	3V8	TUNISIA
KA	JAPAN	UO5	MOLDAVIA	4S7	CEYLON
KB6	BAKER, CANTON, ENDERBURY, HOWLAND & PHOENIX ISLANDS	UP	LITHUANIA	4X4	ISRAEL
KC4	NAVASSA ISLAND	UQ	LATVIA	5A2	LIBYA
KC6	CAROLINE ISLANDS	UR	ESTONIA	9S4	SAARLAND
KG4	GUANTANAMO BAY, CUBA	VE	CANADA		

HIGHEST FIDELITY

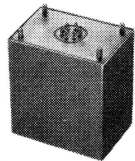
Linear Standard Hipermalloy



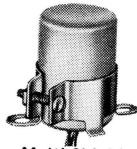
TRANSFORMERS REACTORS • FILTERS

FROM STOCK...**COMPACT**

Ouncer Plug-In



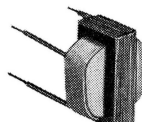
Magnetic Amplifiers



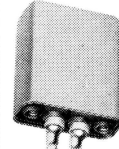
Multi-Shielded Inputs



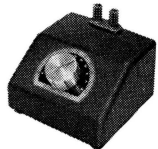
Special Series



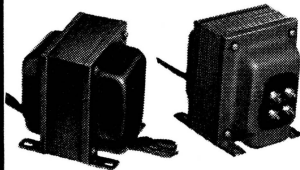
Sub-Ouncer



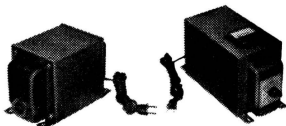
Inductors



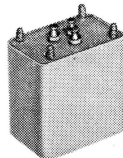
Decades

HI-Q TOROIDS

Replacement Signaling and Control



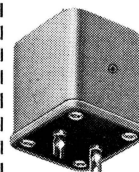
Stepdown Line Adjusters

CONTROLLED RESPONSE

Filters



Equalizers

VARIABLE INDUCTORS

Non-Hermetic



Hermetic

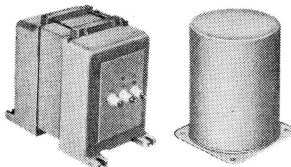
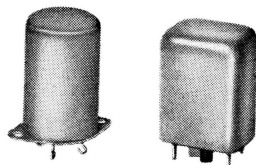
RUGGED ... INDUSTRIAL

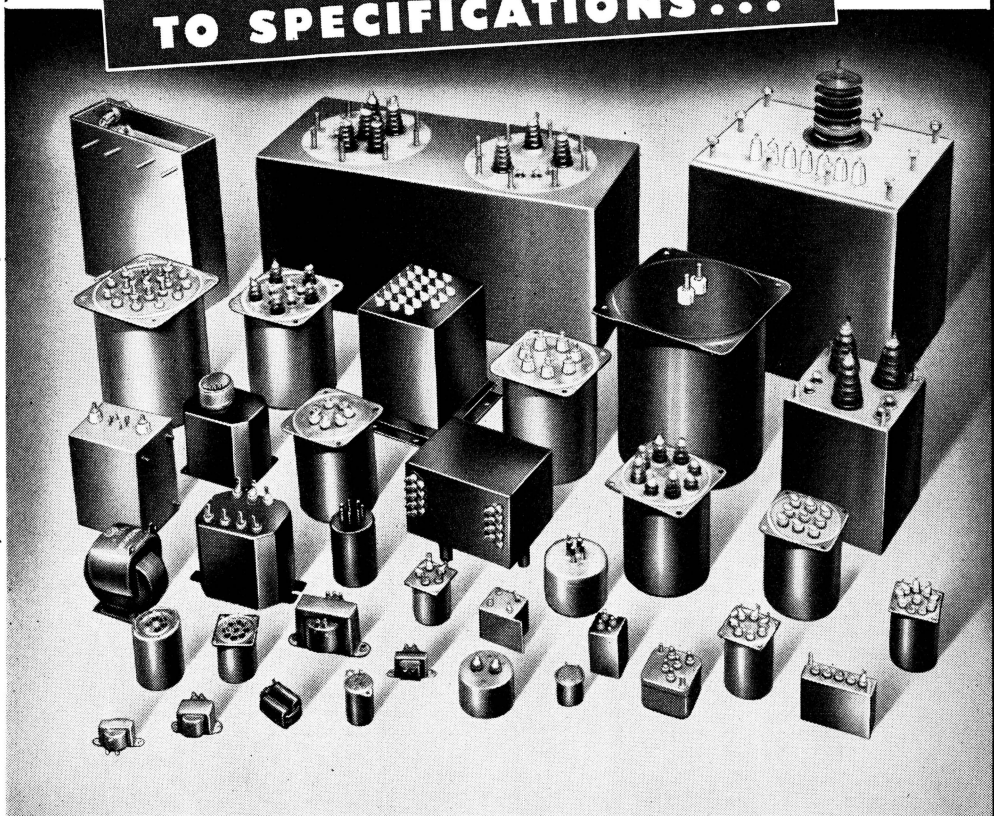
Plate Audio

HIGHEST FIDELITY

Amplifier Kit

HERMETIC ... MIL-T-27

Audios Pulse Units

TO SPECIFICATIONS...**UNITED TRANSFORMER COMPANY • 150 VARICK STREET, NEW YORK 16, N. Y.**

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The following countries listed in alphabetical order by country show international radio amateur prefixes. Characters in () designate the continent and zone in which the country is located. Abbreviations are as follows: A—Asia, AF—Africa, E—Europe, NA—North America, O—Oceania, SA—South America.

ADEN	(A-21)	VS9	GUADELOUPE	(NA-8)	FG8	RHODESIA, NORTHERN	(AF-36)	VQ2
AFGHANISTAN	(A-21)	YA	GUAM	(O-27)	KG6	RHODESIA, SOUTHERN	(AF-38)	ZE
ALASKA	(NA-1)	KL7	GUANTANAMO BAY	(NA-8)	KG4	ROUMANIA	(E-20)	YO
ALBANIA	(E-15)	ZA	GUATEMALA	(NA-7)	TG	RYUKYU ISLANDS	(A25)	KR6
ALGERIA	(AF-33)	FA	GUIANA, BRITISH	(SA-9)	VP3			
ANDORRA	(E-14)	PX	GUIANA, FRENCH	(SA-9)	FY7	SAARLAND	(E-14)	9S4
ANGLO-EGYPTIAN SUDAN	(AF-34)	ST	GUIANA, NETHERLANDS	(SA-9)	PZ	SAINT HELENA	(AF-36)	ZD7
ANGOLA	(AF-36)	CR6	GUINEA, PORTUGUESE	(AF-35)	CR5	SAIPAN ISLAND	(O-27)	KG6S
ARGENTINA	(SA-13)	LU				SALVADOR	(NA-7)	YS
ASCENSION ISLAND	(AF-36)	ZD8	HAITI	(NA-8)	HH	SAMOA (U.S.)	(O-32)	K56
AUSTRALIA	(O-29 & 30)	VK	HAWAIIAN ISLANDS	(O-31)	KH6	SAMOA (Western)	(O-32)	ZM
AUSTRIA	(E-15)	OE	HONDURAS	(NA-7)	HR	SARAWAK	(O-28)	V5S
AZORES ISLANDS	(E-14)	CT2	HONG KONG	(A-24)	VS6	SAUDI ARABIA	(A-21)	HZ
			HOWLAND ISLAND	(O-31)	KB6	SCOTLAND	(E-14)	GM
			HUNGARY	(E-15)	HA	SEYCHELLES	(AF-39)	VO9
BAHAMA ISLANDS	(NA-8)	VP7				SIAM	(A-26)	HS
BAHREIN ISLANDS	(AF-21)	MP4	ICELAND	(E-40)	TF	SIERRA LEONE	(AF-35)	ZD1
BAKER ISLAND	(O-31)	KB6	INDIA	(A-21)	VU	SIKKIM	(A-22)	AC3
BALEARIC ISLANDS	(E-14)	EA6	IRAN	(A-21)	EQ	SOCOTRA ISLAND	(AF-37)	VS9
BARBADOS	(NA-8)	VP6	IRAQ	(A-21)	YI	SOLOMON ISLANDS	(O-28)	VR4
BASUTOLAND	(AF-38)	ZS4	IRELAND	(E-14)	EI	SOMALILAND, British	(AF-37)	VO6
BELGIAN CONGO	(AF-36)	OQ	ISLE OF MAN	(E-14)	GD	SOMALILAND, French	(AF-37)	FL8
BELGIUM	(E-14)	ON	ISRAEL	(A-20)	4X4	SOMALILAND, Italian	(AF-37)	IS
BERMUDA ISLANDS	(NA-5)	VP9	ITALY	(E-15)	I	SOUTH GEORGIA	(SA-13)	VP8
BOLIVIA	(SA-10)	CP	IWO JIMA ISLAND	(O-25)	KG6I	SOUTH ORKNEY ISLANDS	(SA-13)	VP8
BORNEO (Br. North)	(O-28)	VS4	JAMAICA	(NA-8)	VP5	SOUTH SANDWICH ISLANDS	(SA-13)	VP8
BORNEO (Neth. Indies)	(O-28)	PK5	JAN MAYEN ISLAND	(E-40)	OY	SOUTH SHETLAND ISLANDS	(SA-13)	VP8
BRAZIL	(SA-11)	PY	JAPAN	(A-25)	KA	SOUTHWEST AFRICA	(AF-38)	ZS3
BRITISH HONDURAS	(NA-7)	VP1	JARVIS ISLAND	(O-31)	PK6			
BRUNEI	(O-28)	VS5	JAVA	(O-28)	PK1, 2, 3	SOVIET UNION:		
BULGARIA	(E-20)	LZ	JOHNSTON ISLAND	(O-31)	KJ6	EUROPEAN RUSSIAN SOCIALIST		
BURMA	(A-26)	XZ				FEDERATED SOVIET REP.	(E-16)	UA1, 3, 4, 6
CAMEROONS, British	(AF-36)	ZD2	KENYA	(AF-37)	VQ4	ASIATIC RUSSIAN S.F.S.R.	(A-18, 19)	UA9, 5
CAMEROONS, French	(AF-36)	FE8	KOREA	(A-25)	HL1	UKRAINE	(E-16)	UB
CANADA	(NA-1 to 5)	VE				WHITE RUSSIAN S.S.R.	(E-16)	UC5
CANAL ZONE	(NA-7)	KZ5	LABRADOR	(NA-2)	VO	AZERBAIJAN	(A-21)	UD6
CANARY ISLANDS	(AF-33)	EA8	LACCADIVE ISLANDS	(A-22)	VU4	GEORGIA	(A-21)	UF6
CANTON ISLAND	(O-31)	KB6	LEBANON REPUBLIC	(A-20)	OD5	ARMENIA	(A-21)	UG6
CAPE VERDE ISLANDS	(AF-35)	CR4	LEEWARD ISLANDS	(NA-8)	VP2	TURKMAN	(A-17)	UH8
CAROLINE ISLANDS	(O-27)	KC6	LIBERIA	(AF-35)	EL	UZBEK	(A-17)	UI8
CAYMAN ISLANDS	(NA-8)	VP5	LIBYA	(AF-34)	5A2	TADZHIK	(A-17)	UI8
CELEBES	(O-28)	PK6	LIECHTENSTEIN	(E-14)	HE1	KAZAKH	(A-17)	UL7
CEYLON	(A-22)	VS7	LITTLE AMERICA	(SA-13)	KC4	KIRGHIZ	(A-17)	UM8
CHAGOS ISLANDS	(AF-39)	VQ8	LUXEMBOURG	(E-14)	LX	KARELO-FINNISH REP.	(E-16)	UN1
CHANNEL ISLANDS	(E-14)	GC	MACAU	(A-24)	CR9	MOLDAVIA	(E-16)	UO5
CHILE	(SA-12)	CE	MADAGASCAR	(AF-39)	FB8	LITHUANIA	(E-15)	UP
CHINA	(A-23 & 24)	C	MADEIRA ISLANDS	(AF-33)	CT3	LATVIA	(E-15)	UR
CHRISTMAS ISLAND	(O-29)	ZC3	MALAYA	(A-28)	VS1, 2	ESTONIA	(E-15)	UR
COCOS ISLAND	(NA-7)	TI	MALDIVES ISLANDS	(E-22)	VS9	SPAIN	(E-14)	EA
COCOS ISLANDS	(O-29)	ZC2	MALTA	(E-15)	ZB1	SUMATRA	(O-28)	PK4
COLOMBIA	(SA-9)	HK	MARIANAS ISLANDS	(O-27)	KG6	SWAN ISLAND	(NA-7)	KS4
COOK ISLANDS	(O-32)	ZK1	MARSHALL ISLANDS	(O-31)	KX6	SWEDEN	(E-14)	SM
CORSICA	(E-15)	FC	MARTINIQUE	(NA-8)	FM8	SWITZERLAND	(E-14)	HB
COSTA RICA	(NA-7)	TI	MAURITIUS	(AF-39)	VQ8	SYRIA	(A-20)	YK
CRETE	(E-20)	SV	MEXICO	(NA-6)	XE			
CUBA	(NA-8)	CM, CO	MIDWAY ISLAND	(O-31)	KM6	TANGANYIKA	(AF-37)	VQ3
CYPRUS	(A-20)	ZC4	MIQUELON ISLAND	(NA-5)	FP8	TANGIER ZONE	(AF-33)	CN2
CZECHOSLOVAKIA	(E-15)	OK	MONACO	(E-14)	3A2	TANNU TUVA	(A-23)	TT
			MOROCCO, French	(AF-33)	CN	TIBET	(A-23)	AC4
DENMARK	(E-14)	OZ	MOROCCO, Spanish	(AF-33)	EA9	TIMOR, Portuguese	(O-28)	CR10
DODECANESE ISLANDS	(E-20)	SV5	MOZAMBIQUE	(AF-37)	CR7	TINIAN ISLAND	(O-27)	KG6T
DOMINICAN REPUBLIC	(NA-8)	HI				TOGOLAND, French	(AF-35)	FD8
			NAVASSA ISLAND	(NA-8)	KC4	TONGA (Friendly) ISLANDS	(O-32)	VR5
ECUADOR	(SA-10)	HC	NETHERLANDS	(E-14)	PA	TRANSJORDAN	(A-20)	ZC1
EGYPT	(AF-34)	SU	NETHERLAND W. INDIES	(SA-9)	PJ	TRIESTE	(E-15)	AG2 & MP2
ELICE ISLANDS	(O-31)	VR1	NEW CALEDONIA	(O-32)	FK8	TRINIDAD & TOBAGO	(SA-9)	VP4
ENGLAND	(E-14)	G	NEWFOUNDLAND	(NA-5)	VO	TRISTAN da CUNHA & COUGH ISLAND	(AF-38)	ZD9
ERITREA	(AF-37)	M13	NEW GUINEA, Netherlands	(O-28)	PK6	TUNISIA	(AF-33)	3V8
ETHIOPIA	(AF-37)	ET	NEW GUINEA, Territory of	(O-28)	VK9	TURKEY	(A-20)	TA
			NEW HEBRIDES	(O-32)	FU8, YJ	TURKS & CAICOS ISLANDS	(NA-8)	VP5
FAEROES, The	(E-14)	OY	NEW ZEALAND	(O-32)	ZL			
FALKLAND ISLANDS	(SA-13)	VP8	NICARAGUA	(NA-7)	YN	UGANDA	(AF-37)	VQ5
FANNING ISLAND	(O-31)	VR3	NIGERIA	(AF-35)	ZD2	UNION OF SOUTH AFRICA	(AF-38)	ZS
FIJI ISLANDS	(O-32)	VR2	NIUE	(O-32)	ZK2	UNITED STATES of AMERICA	(NA-3, 4, 5)	W, K
FINLAND	(E-15)	OH	NORTHERN IRELAND	(E-14)	GI	URUGUAY	(SA-13)	CX
FRANCE	(E-14)	F	NORWAY	(E-14)	LA			
FRENCH-AUSTRIA	(E-15)	FKS	NYASALAND	(AF-37)	ZD6			
FR. EQUATORIAL AFRICA	(AF-36)	FQ8				VATICAN CITY	(E-15)	HV
FRENCH INDIA	(A-22)	FN	OKINAWA	(A-25)	KR6	VENEZUELA	(SA-9)	YV
FRENCH INDO-CHINA	(A-26)	F18	OMAN	(A-21)	MP4	VIRGIN ISLANDS	(NA-8)	KV4
FRENCH OCEANIA	(O-32)	F08	PAKISTAN	(A-21, 22)	AP			
FRENCH WEST AFRICA	(AF-35)	FF8	PANAMA	(NA-7)	HP	WAKE ISLAND	(O-31)	KW6
			PAPUA TERRITORY	(O-28)	VK9	WALES	(E-14)	GW
GAMBIA	(AF-35)	ZD3	PARAGUAY	(SA-11)	ZP	WINDWARD ISLANDS	(NA-8)	VP2
GERMANY	(E-14)	DL	PERU	(SA-10)	OA			
GIBRALTAR	(E-14)	ZB2	PHILIPPINE ISLANDS	(O-27)	DU	YUGOSLAVIA	(E-15)	YT, YU
GILBERT ISLANDS	(O-31)	VR1	PITCAIRN ISLAND	(O-32)	VR6			
GOA (Portuguese India)	(A-22)	CR8	POLAND	(E-15)	SP	ZANZIBAR	(AF-37)	VQ4
GOLD COAST	(AF-35)	ZD4	PORTUGAL	(E-14)	CT1			
GREECE	(E-20)	SV	PUERTO RICO	(NA-8)	KP4			
GREENLAND	(NA-40)	OX	REUNION ISLAND	(AF-39)	FR8			